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ADDRESSEE, SARA				
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Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No.

10/575,432

Applicant(s)

GLEESON ET AL.

Examiner

SARA ADDISU

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 12 September 2008.
2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 108-116, 137 and 138 is/are pending in the application.
4a) Of the above claim(s) 102-107 and 117-136 is/are withdrawn from consideration.
5) ☐ Claim(s) _____ is/are allowed.
6) ☒ Claim(s) 108-116, 137 and 138 is/are rejected.
7) ☐ Claim(s) _____ is/are objected to.
8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
10) ☒ The drawing(s) filed on 10 April 2006 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsman's Patent Drawing Review (PTO-948)
3) ☒ Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date 8/21/06, 8/12/08, 9/12/08
4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date _____
5) ☐ Notice of Informal Patent Application
6) ☐ Other: _____

DETAILED ACTION

Election/Restrictions

- Applicant's election with traverse of Claims 108-116 in the reply filed on 9/12/08 is acknowledged.
- Claims 102-107 and 117-132 are withdrawn from further consideration pursuant to 37 CFR 1.142(b) as being drawn to a nonelected Group II, there being no allowable generic or linking claim.

New claims 137 and 138 have been added. Currently claims 108-116, 137 and 138 are pending in this application.

Drawings

1. The drawings are objected to under 37 CFR 1.83(a). The drawings must show every feature of the invention specified in the claims. Therefore, the "lathe assembly adapted to move the elongate body longitudinally in relation to the support rollers and the profiling tool" (as claimed in claim 112) must be shown or the feature(s) canceled from the claim(s). No new matter should be entered.

Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures

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appearing on the immediate prior version of the sheet, even if only one figure is being amended. The figure or figure number of an amended drawing should not be labeled as "amended." If a drawing figure is to be canceled, the appropriate figure must be removed from the replacement sheet, and where necessary, the remaining figures must be renumbered and appropriate changes made to the brief description of the several views of the drawings for consistency. Additional replacement sheets may be necessary to show the renumbering of the remaining figures. Each drawing sheet submitted after the filing date of an application must be labeled in the top margin as either "Replacement Sheet" or "New Sheet" pursuant to 37 CFR 1.121(d). If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

Claim Rejections - 35 USC § 112

The following is a quotation of the first paragraph of 35 U.S.C. 112:

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

2. Claim 112 is rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the written description requirement. The claim(s) contains subject matter which was not described in the specification in such a way as to reasonably convey to one skilled in the relevant art that the inventor(s), at the time the application was filed, had possession of the claimed invention.

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- claim 112 recites "The lathe assembly according to claim 110 adapted to move the elongate body longitudinally in relation to the support rollers and the profiling tool, such that the support rollers and the profiling tool remain in their relative axial locations during the profiling operation". Further review of the Specification & Drawings do not support the claimed subject matter.

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

1. Claims 112 and 137 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.
- claim 112 recites "The lathe assembly according to claim 110 adapted to move the elongate body longitudinally in relation to the support rollers and the profiling tool, such that the support rollers and the profiling tool remain in their relative axial locations during the profiling operation". Further review of the Specification & Drawings do not support the claimed subject matter. For the purpose of this Office Action, Examiner interprets it to mean the elongated body rotates but does not move longitudinally.

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- Claim 137 recites "An elongated tubular body formed by the lathe assembly of claim 108". It is not clear to the Examiner how claim 137 further limits claim 108.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

1. Claims 108-113 and 137, as best understood, are rejected under 35 U.S.C. 102(b) as being anticipated by Beauchemin (USP 2,475,539).

BEAUCHEMIN teaches a lathe assembly for forming an elongate tubular body, said lathe assembly comprising: an elongate base; a pair of chucks located at opposite longitudinal ends of said base, said chucks being configured to engage opposite longitudinal ends of a tubular body (17); two or more lateral supports (36) connected to said base to support the tubular body (17) at two or more support locations between its ends as well as spaced circumferentially; a drive means for rotating the body about a longitudinal axis; and a profiling tool (103) connected to the base and engageable to profile an outer circumferential

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surface of the tubular body (17) ('539, figures 1 and 2). BEAUCHEMIN also teaches the supports take the form of support rollers engageable with an outer circumferential surface of the body ('539, figure 2). Furthermore, BEAUCHEMIN teaches the support rollers (36) and the profiling tool (103) being on the same attachment (19) therefore are adapted to move in unison along the length of the body, so as to remain in their relative axial locations during the profiling operation. BEAUCHEMIN also teaches two of the support rollers (36) being mounted on arm (37) by pins (39) such that said support rollers are movable into engagement with the body ('539, figure 2).

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 114-116 and 138 are rejected under 35 U.S.C. 103(a) as being unpatentable over Beauchemin (USP 2,475,539).

BEAUCHEMIN discloses the claimed invention except for the body being formed of fibre reinforced cement. It would have been obvious to one having ordinary skill in the art at the time the invention was made to choose any material

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for the body depending on the application, because it has been held to be within the general skill of a worker in the art to select a known material on the basis of its suitability for the intended use as a matter of obvious design art.

BEAUCHEMIN also discloses the claimed invention except for body having a wall thickness to outer diameter ratio of less than around 0.050. It would have been an obvious matter of design choice to choose a body of any size, because such a modification would have involved a mere change in the size of a component. A change in size is generally recognized as being within the level of ordinary skill in the art. Note: regarding claim 115, the recitation "a fibre reinforced cement blank manufactured on a mandrel using a Hatschek process", is a product-by-process claim and is not given any patentable weight.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Sara Addisu at (571) 272-6082. The examiner can normally be reached on 8:30 am - 5 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Boyer Ashley can be reached on (571) 272-4502. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information

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for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

/Sara Addisu/
Examiner, Art Unit 3724
11/13/08

/Boyer D. Ashley/
Supervisory Patent Examiner, Art Unit 3724